Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030571.D
Acq On : 30 Mar 2019 12:09
Operator : JC/SP
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:32 PM

Quant Time: Mar 31 01:03:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	58197	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	22785	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery = 106.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	21014	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery = 89.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	365049	16.507	ug/l	99
3) Chloromethane	1.33	50	428686	16.897	ug/l	99
4) Vinyl Chloride	1.40	62	408971	18.570	ug/l	99
5) Bromomethane	1.62	94	166424	13.854	ug/l	99
6) Chloroethane	1.69	64	224945	17.830	ug/l	99
7) Trichlorofluoromethane	1.88	101	458053	16.497	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	226421	15.223	ug/l	100
9) 1,1-Dichloroethene	2.28	96	229643	15.565	ug/l	98
10) Iodomethane	2.41	142	225575	17.786	ug/l	98
11) Allyl Chloride	2.59	41	498847	21.811	ug/l	100
12) Acrylonitrile	2.93	53	123441	36.771	ug/l	98
13) Acetone	2.32	43	276418	93.105	ug/l	98
14) Carbon Disulfide	2.47	76	835936	16.105	ug/l	100
15) Methylene Chloride	2.69	84	269597	15.231	ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	256982	15.151	ug/l	99
17) 1,1-Dichloroethane	3.44	63	533939	17.953	ug/l	100
18) 2-Butanone	4.27	43	432883	105.119	ug/l	99
19) Cyclohexane	4.98	56	490293m	19.161	ug/l	
20) Methylcyclohexane	6.41	83	434427	16.078	ug/l	98
21) 2,2-Dichloropropane	4.22	77	405265	16.420	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	286481	15.237	ug/l	97
23) Diethyl Ether	2.10	59	221559	19.195	ug/l	99
24) tert-Butyl Alcohol	2.84	59	225958	183.416	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	661050	17.232	ug/l	98
26) Bromochloromethane	4.54	128	107398	13.281	ug/l	98
27) Chloroform	4.67	83	497704	16.128	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	409785	16.269	ug/l	99
29) 1,1-Dichloropropene	5.13	75	379398	16.572	ug/l	99
30) Carbon Tetrachloride	5.13	117	349681	15.660	ug/l	99
31) Isopropyl Ether	3.58	45	914999	21.037	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	743217	18.456	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	625974	17.301	ug/l	99
34) Propionitrile	4.33	54	119036	104.257	ug/l #	94
35) Benzene	5.38	78	1101635	16.392	ug/l	99
36) 1,2-Dichloroethane	5.40	62	326241	17.663	ug/l	99
37) Trichloroethene	6.18	130	261344	13.946	ug/l	98
38) 1,2-Dichloropropane	6.43	63	302315	17.404	ug/l	98
39) Methacrylonitrile	4.55	41	106414	20.957	ug/l	95
40) Methyl acrylate	4.42	55	160397	20.757	ug/l	98
41) Tetrahydrofuran	4.65	42	110916	40.201	ug/l	99
42) 1-Chlorobutane	5.06	56	587919	18.983	ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030571.D
Acq On : 30 Mar 2019 12:09
Operator : JC/SP
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:32 PM

Quant Time: Mar 31 01:03:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	139246	15.811 ug/l		99
44) Bromodichloromethane	6.75	83	364195	17.125 ug/l		99
45) 4-Methyl-2-Pentanone	7.46	43	1006937	108.509 ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	136516m	40.133 ug/l		
47) Methyl methacrylate	6.62	69	272911	36.589 ug/l		99
48) Ethyl methacrylate	8.02	69	272059	19.435 ug/l		99
49) Toluene	7.63	92	645533	16.169 ug/l		99
50) t-1,3-Dichloropropene	7.88	75	335705	17.718 ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	408574	17.294 ug/l		99
52) 1,1,2-Trichloroethane	8.06	97	188869	15.337 ug/l		97
53) 1,3-Dichloropropane	8.24	76	346044	16.519 ug/l		100
54) 2-Hexanone	8.36	43	695649	105.118 ug/l		100
55) Dibromochloromethane	8.47	129	221484	15.108 ug/l		100
56) 1,2-Dibromoethane	8.58	107	176012	14.997 ug/l		99
58) Tetrachloroethene	8.22	164	242775	14.290 ug/l		99
59) Chlorobenzene	9.12	112	678959	15.009 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	238385	15.020 ug/l		98
61) Pentachloroethane	11.10	117	182617	14.780 ug/l		98
62) Hexachloroethane	12.14	117	165474	13.690 ug/l		98
63) Ethyl Benzene	9.25	91	1269689	16.843 ug/l		100
64) m/p-Xylenes	9.37	106	932494	32.013 ug/l		94
65) o-Xylene	9.77	106	443283	15.530 ug/l		99
66) Styrene	9.79	104	777317	16.481 ug/l		99
67) Bromoform	9.95	173	124541	14.991 ug/l		99
69) Isopropylbenzene	10.16	105	1212097	16.133 ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.45	83	255953	16.589 ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	150355	13.434 ug/l	#	98
72) Bromobenzene	10.45	156	268530	13.928 ug/l		98
73) n-propylbenzene	10.58	120	315955	15.011 ug/l		94
74) 2-Chlorotoluene	10.66	126	279558	15.104 ug/l		96
75) 1,3,5-Trimethylbenzene	10.77	105	1034654	16.228 ug/l		99
76) 4-Chlorotoluene	10.77	126	295039	15.670 ug/l		98
77) tert-Butylbenzene	11.10	119	961231	15.490 ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	1049124	16.228 ug/l		99
79) sec-Butylbenzene	11.32	105	1329870	15.972 ug/l		99
80) Nitrobenzene	12.86	77	23335m	87.877 ug/l		
81) p-Isopropyltoluene	11.47	119	1045729	15.178 ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	534866	13.756 ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	534923	13.686 ug/l		99
84) n-Butylbenzene	11.89	91	1021239	15.751 ug/l		99
85) 1,2-Dichlorobenzene	11.87	146	496709	13.703 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	39723	17.879 ug/l		99
87) 1,2,4-Trichlorobenzene	13.50	180	322595	12.708 ug/l		98
88) Hexachlorobutadiene	13.69	225	182654	13.006 ug/l		100
89) Naphthalene	13.74	128	580618	14.578 ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	291716	12.608 ug/l		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030571.D
Acq On : 30 Mar 2019 12:09
Operator : JC/SP
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 01:03:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:32 PM